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Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER *634-5131*

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED AUGUST 31, 1963

POLIOMYELITIS – A total of 31 cases of poliomyelitis, 26 paralytic, were reported for the week ending August 31, 1963. Twenty-six were reported by Pennsylvania; of these 21 were from Philadelphia and two from adjacent Delaware County. Philadelphia's cases to date represent 18 per cent of the 1963 national total.

Philadelphia

This week's 21 cases doubled Philadelphia's cumulative 1963 total to 42. The 42 Philadelphia cases reported through August, 1963, already exceed the annual totals in that city since the introduction of poliomyelitis vaccine (1955) with the single exception of 1958 when 76 cases were reported for the entire year. The peak incidence of poliomyelitis in Philadelphia does not customarily occur until September. The annual totals for Philadelphia poliomyelitis for the past 10 years are shown below.

POLIOMYELITIS – PHILADELPHIA
By Year

Year	Total Cases	Year	Total Cases
1954	228	1959	21
1955	40	1960	8
1956	13	1961	1
1957	10	1962	0
1958	76	1963	42*

*Through August 31 only.

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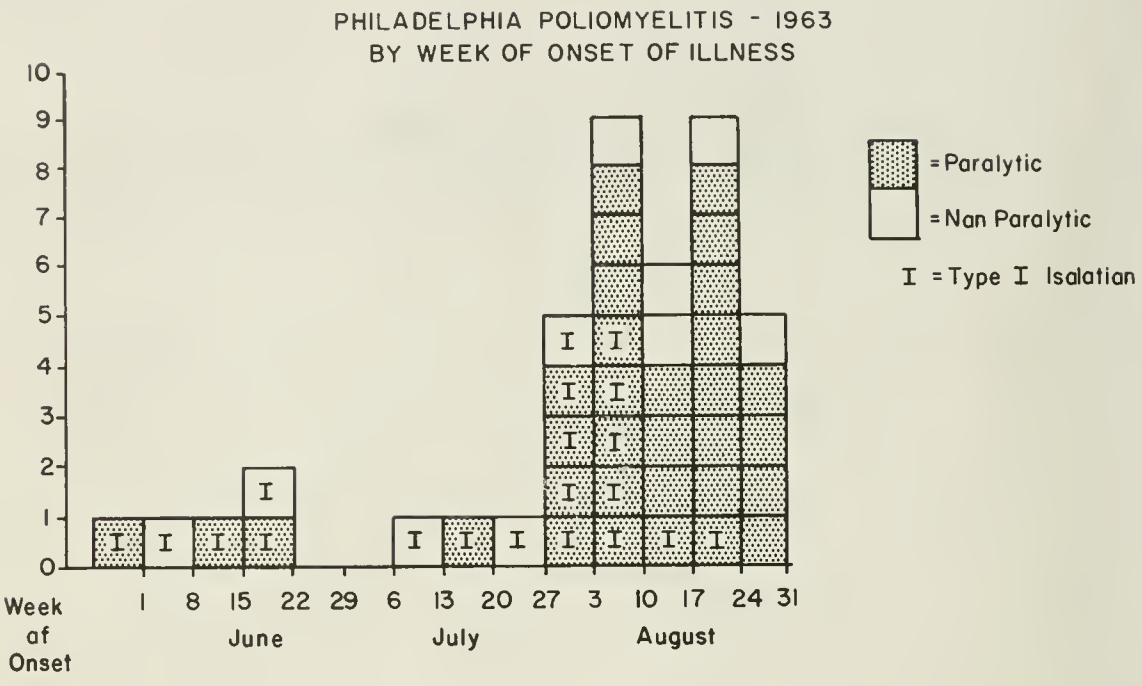
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week.)

Disease	35th Week			Cumulative First 35 Weeks		
	Ended August 31, 1963	Ended September 1, 1962	Median 1958 - 1962	1963	1962	Median 1958 - 1962
Aseptic meningitis	52	94	---	1,066	1,358	---
Brucellosis	5	6	8	248	284	512
Diphtheria	2	4	11	159	254	407
Encephalitis, infectious	28	78	70	1,050	1,196	1,190
Hepatitis, infectious and serum	673	786	698	29,709	38,456	24,951
Measles	657	781	994	356,993	441,136	394,271
Meningococcal infections	30	26	26	1,715	1,498	1,592
Poliomyelitis, total	31	37	215	229	473	1,586
Paralytic	26	31	123	196	367	1,086
Nonparalytic	5	6	51	23	77	350
Unspecified	-	-	41	10	29	150
Streptococcal sore throat and Scarlet fever	2,991	3,041	---	244,787	226,377	---
Tetanus	8	6	---	164	175	---
Tularemia	8	7	---	194	207	---
Typhoid fever	16	17	20	315	395	512
Typhus fever, tick-borne, (Rocky Mountain spotted)	9	6	---	141	172	---
Rabies in Animals	44	37	46	2,605	2,739	2,634

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	2	Psittacosis: Ill. - 1	42
Botulism:	5	Rabies in Man:	-
Malaria: Miss. - 1, Calif. - 2	62	Smallpox:	-
Plague:	-	Typhus, murine:	15



Shown above is the epidemic curve to date. Following the occurrence of sporadic cases during June and July, an abrupt increase in cases occurred early in August. Twenty Type I isolations have been made.

Although cases are reported from eight of Philadelphia's ten health districts, more than one-half (22) of the cases are concentrated in one health district (see table below).

POLIOMYELITIS – PHILADELPHIA – 1963
By Health District

Heolth Districts	Population (1960 Census)	Totol Coses
1	96,545	1
2	200,974	2
3	203,984	2
4	197,224	3
5	192,319	6
6	154,894	24
7	253,655	2
8	233,707	2
9	265,238	0
10	202,241	0
		42

Inadequately vaccinated pre-school age children comprise the majority of poliomyelitis victims in the Philadelphia outbreak, as seen in the following table. *(Reported by Dr. Eugene A. Gillis, Commissioner, Philadelphia Department of Public Health and Dr. I. F. Gratch, Pennsylvania State Department of Health).*

POLIOMYELITIS – PHILADELPHIA – 1963
By Age ond Inoctivoted Vaccine Status*

Age	OV	1-2V	3V	4+V	Totol
Under 1	2	–	–	–	2
1	7	3	1	–	11
2	3	1	–	–	4
3	5	1	–	–	6
4	–	2	–	–	2
5-9	3	3	2	3	11
10-19	2	–	1	1	4
20 and over	2	–	–	–	2
Total	24	10	4	4	42

*None of these children are known to hove received orol polio vaccine.

EPIDEMIOLOGICAL REPORTS

Dengue Fever – Puerto Rico

The outbreak of dengue fever in Puerto Rico (See MMWR, Vol. 12, page 278) has been identified by serological study of acute and convalescent sera as due to a Group B arbovirus, presumably of the dengue virus complex. Specific etiologic diagnosis will depend on virus isolation and identification. Through September 4, a total of 3,551 cases have been officially reported from 31 of the 76 *municipios* of the Commonwealth.

Field studies now indicate that occasional clinically characteristic cases were occurring in late July, although the source and site of the initial introduction have not yet been determined. The presence of dengue, however,

was not recognized until early August when an outbreak of clinically characteristic cases was reported from Manati, a community on the north central coast of the Island. Within the next week, groups of similar cases were recognized in neighboring areas and also in the mountainous community of Juncos in the Eastern part of the island.

Reports continued to be received from new areas until September 4; outbreaks consisting of 25 or more officially reported cases had been recognized in 14 *municipios*.

AREAS WITH 25 OR MORE CASES

Municipio	Population*	Reported Cases Through September 4
Arecibo	69,879	528
Barceloneto	19,334	555
Bayamon	72,221	63
Guayoma	33,678	325
Hatillo	20,238	62
Humacao	33,381	40
Juncos	21,486	213
Manati	29,354	690
Morovis	18,094	211
Rio Piedros	251,384	146
San Sebastian	33,451	41
Vega Alto	17,603	58
Vega Bajo	30,189	336
Villalba	16,239	34

*1960 Census

It is believed that the disease incidence is considerably under reported and may well be present in areas not yet reporting cases.

Limited surveys in neighborhoods in which cases are known to have occurred have revealed the prevalence of an acute febrile disease of varying severity, lasting 5-7 days and characterized by sudden onset, generalized myalgia, retro-orbital pain and often by rash. Crude attack rates from 25 to 40% have been estimated. Both children and adults have been involved without predilection for particular age groups. Often whole families have been attacked typically, secondary cases following a week or more after the index case.

Entomological surveys have revealed the widespread occurrence of *Aedes aegypti* within and surrounding the dwellings in the epidemic areas. The prevalence of this species has been noted in various places with a frequency considerably higher than has been recorded in past surveys.

An island-wide program of health education has been directed at the individual householders, urging the spraying of their homes and the elimination of both indoor and outdoor breeding sites. The established mosquito control activities of the Department of Health have been strengthened.

(Reported by Victor Gonzalez, M.D., Director, Bureau of Health, Puerto Rico Department of Health, and a team from the Communicable Disease Center.)

Suspect Western Encephalitis

Outbreaks of suspect and confirmed cases of Western Encephalitis have been reported among humans and horses in the High Plains area of Texas and Saskatchewan. Sporadic cases only among horses have been noted in North Dakota and Wyoming.

In Texas, a marked decrease in the incidence of suspected cases of encephalitis has been noted in Hale County during the past week. The 1963 total for this region is now 50 with the reports of four new human suspect cases this past week. No deaths or additional horse cases were reported this week. There is serological evidence that Western Encephalitis is active in this area, but there have been no virus isolations as yet. Further laboratory studies are in progress. (See MMWR, Vol. 12, page 278).

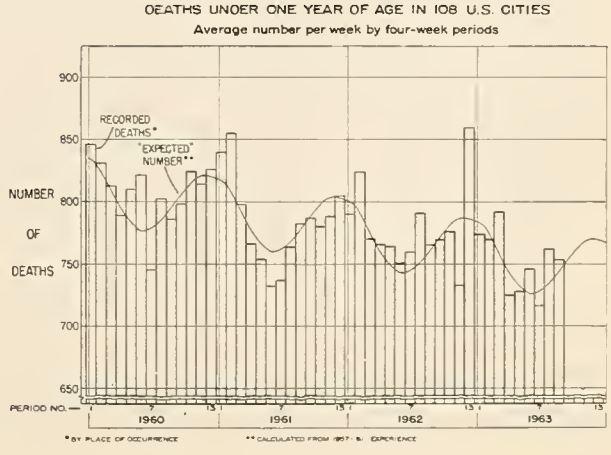
(Continued on page 292)

INFANT DEATHS IN 108 CITIES

The weekly average number of infant deaths in 108 cities for the four-week period ending August 31 was 753 as compared with an expected weekly average of 744.

TOTAL DEATHS UNDER ONE YEARS OF AGE IN 108 CITIES

	WEEK ENDING				4 Week Total	Weekly Average
	8/10	8/17	8/24	8/31		
Observed	702	793	810	707	3,012	753
Expected	740	743	745	748	2,976	744
Excess	−38	50	65	−41	36	9



(See Table, page 291)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
AUGUST 31, 1963 AND SEPTEMBER 1, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	35th week		Cumulative First 35 weeks		35th week		Cumulative First 35 weeks		35th week		35th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES	31	37	229	473	26	31	196	367	5	6	52	94
NEW ENGLAND	1	-	2	5	1	-	2	5	-	-	7	-
Maine	-	-	-	-	-	-	-	-	-	-	1	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	1	-	1	-	1	-	1	-	-	-	4	-
Massachusetts	-	-	1	4	-	-	1	4	-	-	1	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	1	-
Connecticut	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC	26	1	81	52	21	1	63	35	5	-	7	6
New York	-	1	7	42	-	1	5	26	-	-	5	4
New Jersey	-	-	1	5	-	-	1	5	-	-	-	-
Pennsylvania	26	-	73	5	21	-	57	4	5	-	2	2
EAST NORTH CENTRAL	1	9	30	45	1	8	22	33	-	1	15	15
Ohio	-	3	8	12	-	3	4	11	-	-	-	5
Indiana	-	-	2	5	-	-	1	4	-	-	1	-
Illinois	1	5	12	20	1	4	11	12	-	1	4	3
Michigan	-	1	4	6	-	1	4	6	-	-	10	6
Wisconsin	-	-	4	2	-	-	2	-	-	-	-	1
WEST NORTH CENTRAL	-	4	5	22	-	2	5	12	-	2	2	11
Minnesota	-	1	3	6	-	1	3	6	-	-	2	8
Iowa	-	-	-	5	-	-	-	2	-	-	-	-
Missouri	-	2	1	7	-	-	1	2	-	2	-	-
North Dakota	-	-	-	3	-	-	-	1	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	1	1	1	-	1	1	1	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	3
SOUTH ATLANTIC	2	3	28	32	2	3	25	27	-	-	5	7
Delaware	-	-	1	-	-	-	1	-	-	-	1	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	1
District of Columbia	-	-	-	1	-	-	-	-	-	-	-	-
Virginia	-	1	2	7	-	1	1	7	-	-	-	2
West Virginia	-	1	1	4	-	1	1	4	-	-	-	1
North Carolina	-	-	3	3	-	-	3	3	-	-	-	-
South Carolina	-	1	5	4	-	1	4	4	-	-	-	1
Georgia	2	-	10	6	2	-	9	5	-	-	-	-
Florida	-	-	6	7	-	-	6	4	-	-	4	2
EAST SOUTH CENTRAL	1	5	44	37	1	5	42	29	-	-	-	1
Kentucky	-	1	-	18	-	1	-	13	-	-	-	1
Tennessee	1	-	6	6	1	-	6	3	-	-	-	-
Alabama	-	4	35	11	-	4	33	11	-	-	-	-
Mississippi	-	-	3	2	-	-	3	2	-	-	-	-
WEST SOUTH CENTRAL	-	10	22	220	-	7	22	173	-	3	-	8
Arkansas	-	1	3	5	-	1	3	5	-	-	-	-
Louisiana	-	-	14	11	-	-	14	9	-	-	-	-
Oklahoma	-	1	-	7	-	1	-	5	-	-	-	-
Texas	-	8	5	197	-	5	5	154	-	3	-	8
MOUNTAIN	-	-	-	11	-	-	-	8	-	-	2	-
Montana	-	-	-	3	-	-	-	2	-	-	-	-
Idaho	-	-	-	2	-	-	-	1	-	-	-	-
Wyoming	-	-	-	1	-	-	-	1	-	-	-	-
Colorado	-	-	-	1	-	-	-	-	-	-	2	-
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	3	-	-	-	3	-	-	-	-
Utah	-	-	-	1	-	-	-	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	-	5	17	49	-	5	15	45	-	-	14	46
Washington	-	-	-	1	-	-	-	1	-	-	1	2
Oregon	-	-	2	5	-	-	1	5	-	-	-	1
California	-	5	15	43	-	5	14	39	-	-	13	43
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	4	10	-	-	4	10	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
AUGUST 31, 1963 AND SEPTEMBER 1, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
							35th week					
	35th week	Cumulative 35 weeks	35th week	Cumulative 35 weeks	35th week		Under 20 yr.	20 & over	Total		35th week	
	1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962
UNITED STATES	5	248	2	159	28	78	289	314	673	786	657	781
NEW ENGLAND	-	1	-	8	-	1	22	31	56	72	11	37
Maine	-	-	-	-	-	-	13	7	20	9	-	4
New Hampshire	-	-	-	-	-	-	5	6	11	1	-	3
Vermont	-	1	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	6	-	-	4	13	18	43	5	18
Rhode Island	-	-	-	2	-	-	-	-	2	-	-	5
Connecticut	-	-	-	-	-	1	-	5	5	19	6	7
MIDDLE ATLANTIC	-	5	-	21	8	8	68	79	147	144	123	91
New York	-	3	-	13	4	4	39	53	92	77	80	72
New Jersey	-	-	-	3	-	-	7	4	11	18	20	-
Pennsylvania	-	2	-	5	4	4	22	22	44	49	23	19
EAST NORTH CENTRAL	2	24	-	23	4	9	56	52	110	130	192	245
Ohio	-	-	-	1	2	9	15	15	31	48	29	28
Indiana	-	4	-	5	-	-	3	2	5	8	-	4
Illinois	-	14	-	12	2	-	12	19	32	24	34	23
Michigan	2	5	-	3	-	-	21	16	37	39	59	109
Wisconsin	-	1	-	2	-	-	5	-	5	11	70	81
WEST NORTH CENTRAL	1	144	-	37	7	-	10	9	26	28	5	18
Minnesota	-	8	-	15	1	-	1	-	3	11	1	2
Iowa	-	105	-	1	-	-	3	-	3	3	1	10
Missouri	1	11	-	1	-	-	1	5	8	7	2	-
North Dakota	-	-	-	1	4	-	1	-	1	3	1	6
South Dakota	-	8	-	11	2	-	3	4	7	-	-	-
Nebraska	-	6	-	8	-	-	-	-	-	-	-	-
Kansas	-	6	-	-	-	-	1	-	4	4	NN	NN
SOUTH ATLANTIC	-	13	1	33	6	56	33	35	71	107	62	68
Delaware	-	-	-	-	-	-	3	-	3	1	-	12
Maryland	-	-	-	-	1	-	8	6	14	19	11	7
District of Columbia	-	-	-	1	-	-	-	-	-	3	-	-
Virginia	-	5	-	-	2	3	2	7	9	15	4	13
West Virginia	-	-	-	1	-	-	9	2	12	8	33	10
North Carolina	-	4	-	2	1	-	9	9	18	24	4	-
South Carolina	-	-	-	9	-	-	-	-	-	2	4	-
Georgia	-	3	1	11	-	-	-	-	2	6	-	-
Florida	-	1	-	9	2	53	2	11	13	29	6	26
EAST SOUTH CENTRAL	-	13	-	10	1	-	28	21	49	43	19	29
Kentucky	-	3	-	-	-	-	3	4	7	9	2	3
Tennessee	-	6	-	2	1	-	18	9	27	23	15	18
Alabama	-	4	-	8	-	-	4	4	8	6	1	-
Mississippi	-	-	-	-	-	-	3	4	7	5	1	8
WEST SOUTH CENTRAL	1	29	-	20	-	-	23	22	47	73	53	84
Arkansas	1	5	-	1	-	-	6	6	12	4	2	-
Louisiana	-	7	-	5	-	-	3	1	4	5	-	-
Oklahoma	-	5	-	6	-	-	-	-	-	1	-	-
Texas	-	12	-	8	-	-	14	15	31	63	51	84
MOUNTAIN	-	9	-	4	-	1	4	6	61	42	64	60
Montana	-	-	-	-	-	-	1	-	1	3	16	9
Idaho	-	-	-	-	-	-	-	-	25	13	20	12
Wyoming	-	1	-	-	-	-	-	-	-	2	-	-
Colorado	-	-	-	3	-	-	1	1	18	6	2	14
New Mexico	-	-	-	1	-	-	1	3	7	8	NN	NN
Arizona	-	3	-	-	-	-	-	-	7	5	17	17
Utah	-	5	-	-	-	-	1	2	3	5	9	8
Nevada	-	-	-	-	-	1	-	-	-	-	-	-
PACIFIC	1	10	1	3	2	3	45	59	106	147	128	149
Washington	-	-	-	-	-	-	13	9	23	34	2	6
Oregon	-	2	-	-	-	-	4	4	9	12	21	44
California	1	7	1	3	2	3	25	45	70	90	92	61
Alaska	-	-	-	-	-	-	3	-	3	8	11	11
Hawaii	-	1	-	-	-	-	-	1	1	3	2	27
Puerto Rico	-	-	1	12	-	-	25	5	30	23	12	16

Table 3 CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED AUGUST 31, 1963 AND SEPTEMBER 1, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	35th wk.	Cumulative 35 weeks	35th week		35th wk.	35th wk.	35th wk.	35th wk.	Cumulative 35 weeks	35th week		Cumulative 35 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES	30	1,715	2,991	3,041	8	9	8	16	315	44	37	2,605
NEW ENGLAND	3	109	144	116	-	-	-	-	10	-	-	26
Maine	-	17	6	1	-	-	-	-	2	-	-	1
New Hampshire	-	4	-	5	-	-	-	-	-	-	-	12
Vermont	-	4	-	-	-	-	-	-	1	-	-	12
Massachusetts	1	51	7	17	-	-	-	-	5	-	-	1
Rhode Island	1	10	6	1	-	-	-	-	-	-	-	-
Connecticut	1	23	125	92	-	-	-	-	2	-	-	-
MIDDLE ATLANTIC	6	240	89	96	-	-	-	5	64	4	4	82
New York	3	112	64	86	-	-	-	5	26	4	3	62
New Jersey	1	33	10	2	-	-	-	-	3	-	-	-
Pennsylvania	2	95	15	8	-	-	-	-	35	-	1	20
EAST NORTH CENTRAL	2	263	175	184	2	1	2	2	25	1	6	422
Ohio	2	75	17	9	1	1	-	2	12	-	1	246
Indiana	-	31	43	40	-	-	-	-	2	-	3	40
Illinois	-	49	39	40	-	-	1	-	7	-	-	62
Michigan	-	81	41	55	1	-	-	-	2	-	2	40
Wisconsin	-	27	35	40	-	-	1	-	2	1	-	34
WEST NORTH CENTRAL	3	109	106	65	1	-	1	-	18	10	11	658
Minnesota	1	22	4	2	-	-	-	-	3	2	3	158
Iowa	-	6	16	12	-	-	-	-	2	3	1	251
Missouri	-	33	4	4	1	-	1	-	11	-	3	113
North Dakota	2	10	20	46	-	-	-	-	-	1	-	27
South Dakota	-	5	1	1	-	-	-	-	1	2	1	75
Nebraska	-	22	-	-	-	-	-	-	1	1	1	21
Kansas	-	11	61	-	-	-	-	-	-	1	2	13
SOUTH ATLANTIC	2	316	258	261	-	5	1	-	45	5	4	364
Delaware	-	2	7	2	-	-	-	-	1	-	-	1
Maryland	-	49	5	3	-	-	-	-	8	-	1	-
Dist. of Columbia	-	6	2	-	-	-	-	-	-	-	-	-
Virginia	-	72	47	39	-	1	-	-	7	1	-	130
West Virginia	-	16	78	69	-	-	-	-	6	-	2	102
North Carolina	2	55	4	-	-	-	-	-	6	1	-	9
South Carolina	-	15	13	10	-	2	-	-	2	1	-	7
Georgia	-	24	1	1	-	2	-	-	2	-	-	49
Florida	-	77	101	137	-	-	1	-	13	2	1	66
EAST SOUTH CENTRAL	2	125	757	741	1	3	1	5	37	4	3	211
Kentucky	-	26	1	17	-	1	-	4	7	2	2	99
Tennessee	2	56	719	674	1	2	1	1	19	2	1	95
Alabama	-	21	-	2	-	-	-	-	8	-	-	17
Mississippi	-	22	37	48	-	-	-	-	3	-	-	-
WEST SOUTH CENTRAL	2	163	436	465	1	-	2	3	58	12	7	500
Arkansas	-	11	1	1	-	-	2	-	22	3	-	49
Louisiana	-	66	2	-	1	-	-	2	15	1	-	40
Oklahoma	-	29	-	-	-	-	-	-	4	1	-	40
Texas	2	57	433	464	-	-	-	1	17	7	7	371
MOUNTAIN	1	59	720	731	-	-	1	1	15	1	-	86
Montana	-	3	24	28	-	-	-	-	-	-	-	-
Idaho	1	6	46	64	-	-	-	-	-	-	-	-
Wyoming	-	4	8	5	-	-	1	-	1	-	-	-
Colorado	-	16	233	290	-	-	-	-	6	1	-	15
New Mexico	-	4	268	174	-	-	-	-	2	-	-	26
Arizona	-	9	51	118	-	-	-	1	6	-	-	41
Utah	-	14	90	52	-	-	-	-	-	-	-	-
Nevada	-	3	-	-	-	-	-	-	-	-	-	4
PACIFIC	9	331	306	382	3	-	-	-	43	7	2	256
Washington	1	26	-	30	-	-	-	-	1	-	-	-
Oregon	1	25	5	7	-	-	-	-	2	2	-	3
California	7	260	278	306	3	-	-	-	37	5	2	244
Alaska	-	12	-	26	-	-	-	-	1	-	-	9
Hawaii	-	8	23	13	-	-	-	-	2	-	-	-
Puerto Rico	-	6	4	-	3	-	-	-	12	1	-	11

Table 1 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	8/10	8/17	8/24	8/31
NEW ENGLAND:				
Boston, Mass.	14	12	17	12*
Bridgeport, Conn.	0	2	2	3
Cambridge, Mass.	0	0	0	3
Fall River, Mass.	1	0	0	0
Hartford, Conn.	8	4	4	0
Lowell, Mass.	1	2	1	1
Lynn, Mass.	0	1	0	3
New Bedford, Mass.	0	0	2	0
New Haven, Conn.	2	2	1	2
Providence, R.I.	1	6	6	4
Somerville, Mass.	0	0	1	0*
Springfield, Mass.	0	2	1	4
Waterbury, Conn.	3	0	1	1
Worcester, Mass.	4	4	6	3
MIDDLE ATLANTIC:				
Albany, N.Y.	1	7	4	2
Allentown, Pa.	2	3	2	2
Buffalo, N.Y.	7	11	8	3
Camden, N.J.	2	4	9	2
Elizabeth, N.J.	2	4	0	3
Erie, Pa.	1	2	2	2
Jersey City, N.J.	2	3	3	2
Newark, N.J.	4	29	8	3
New York City, N.Y.	90	75	94	69
Paterson, N.J.	2	4	7	4
Philadelphia, Pa.	32	42	23	18
Pittsburgh, Pa.	8	12	9	10
Reading, Pa.	2	1	5	2
Rochester, N.Y.	1	5	4	6
Schenectady, N.Y.	1	0	2	0
Scranton, Pa.	2	0	3	2
Syracuse, N.Y.	0	5	4	8
Trenton, N.J.	2	8	1	6
Utica, N.Y.	1	3	1	1*
Yonkers, N.Y.	0	0	3	0
EAST NORTH CENTRAL:				
Akron, Ohio	6	1	3	2
Canton, Ohio	3	4	3	1
Chicago, Ill.	38	48	35	37
Cincinnati, Ohio	13	7	8	9
Cleveland, Ohio	7	9	23	18
Columbus, Ohio	9	6	8	12
Dayton, Ohio	2	3	6	4
Detroit, Mich.	17	13	20	22
Evansville, Ind.	2	0	2	2
Flint, Mich.	2	5	8	4
Fort Wayne, Ind.	1	5	2	1
Gary, Ind.	0	2	5	3*
Grand Rapids, Mich.	11	2	1	4
Indianapolis, Ind.	13	21	11	7
Madison, Wis.	2	2	2	5
Milwaukee, Wis.	2	10	15	6
Peoria, Ill.	2	1	1	2
Rockford, Ill.	3	2	4	2*
South Bend, Ind.	0	2	1	2
Toledo, Ohio	9	2	4	3
Youngstown, Ohio	3	3	0	6
WEST NORTH CENTRAL:				
Des Moines, Iowa	1	2	2	6
Duluth, Minn.	1	0	0	3
Kansas City, Kans.	4	3	4	5
Kansas City, Mo.	8	3	6	6
Lincoln, Nebr.	1	3	1	2
Minneapolis, Minn.	5	11	9	5
Omaha, Nebr.	4	4	4	5
St. Louis, Mo.	10	11	11	8
St. Paul, Minn.	4	9	6	4
Wichita, Kans.	5	6	8	1
SOUTH ATLANTIC:				
Atlanta, Ga.	7	9	15	8
Baltimore, Md.	7	18	19	13
Charlotte, N.C.	4	1	3	1
Jacksonville, Fla.	7	8	7	7
Miami, Fla.	4	2	8	2
Norfolk, Va.	8	10	4	0
Richmond, Va.	5	13	6	7
Savannah, Ga.	3	0	3	5
St. Petersburg, Fla.	1	6	0	0
Tampa, Fla.	4	9	3	3
Washington, D.C.	31	13	22	23
Wilmington, Del.	4	1	5	2
EAST SOUTH CENTRAL:				
Birmingham, Ala.	5	9	8	10
Chattanooga, Tenn.	2	9	1	4
Knoxville, Tenn.	2	2	5	2
Louisville, Ky.	16	7	10	9
Memphis, Tenn.	21	6	15	7
Mobile, Ala.	2	5	3	5
Montgomery, Ala.	2	2	3	0
Nashville, Tenn.	6	9	8	7
WEST SOUTH CENTRAL:				
Austin, Tex.	3	1	4	2
Baton Rouge, La.	1	1	1	5
Corpus Christi, Tex.	6	3	6	2
Dallas, Tex.	18	16	12	23
El Paso, Tex.	7	9	15	1
Fort Worth, Tex.	4	5	8	5
Houston, Tex.	20	12	17	24
Little Rock, Ark.	5	3	6	4
New Orleans, La.	21	31	16	26
Oklahoma City, Okla.	8	3	6	12
San Antonio, Tex.	11	11	7	14
Shreveport, La.	3	9	8	3
Tulsa, Okla.	0	2	1	2
MOUNTAIN:				
Albuquerque, N. Mex.	5	6	3	6
Colorado Springs, Colo.	1	0	3	5
Denver, Colo.	8	11	8	9
Ogden, Utah.	0	3	0	2
Phoenix, Ariz.	3	4	6	7
Pueblo, Colo.	1	1	2	2
Salt Lake City, Utah.	1	1	6	2
Tucson, Ariz.	0	5	2	2
PACIFIC:				
Berkeley, Calif.	0	2	0	4
Fresno, Calif.	5	5	6	8
Glendale, Calif.	2	5	1	2
Honolulu, Hawaii	4	6	10	4
Long Beach, Calif.	5	6	5	6
Los Angeles, Calif.	30	37	44	33
Oakland, Calif.	7	6	8	6
Pasadena, Calif.	4	0	0	0
Portland, Oreg.	4	7	8	2
Sacramento, Calif.	4	4	3	4
San Diego, Calif.	6	3	14	10
San Francisco, Calif.	11	19	14	6
San Jose, Calif.	3	7	2	2
Seattle, Wash.	8	3	11	12
Spokane, Wash.	0	3	3	1
Tacoma, Wash.	3	1	0	2
San Juan, P.R.	6	1	0	(---)

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages..... 10,378
4(B) Pneumonia-Influenza Deaths, all ages..... 346
4(C) Total Deaths under 1 Year of Age..... 707
4(D) Total Deaths, Persons 65 years and over..... 5,643

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In Saskatchewan, an endemic area for Western Encephalitis, over 220 confirmed cases of Western Encephalitis in horses have been reported during the past two weeks. The outbreak is the largest in recent years. More than 50 cases of an encephalitic illness in humans have been reported during this same period. The illness is characterized by respiratory symptoms and lymphadenopathy for 7-10 days, followed by abrupt onset of high fever and clinical encephalitis. All age groups have been affected; however, the illness has been most severe in elderly persons and pre-school age children. Laboratory studies are in progress.

(Reported by Dr. J. E. Peavy, State Commissioner of Health, Texas Department of Public Health; Kenneth Mosser, Director, Division of Preventable Diseases, North Dakota State Department of Health; Dr. H. O. Dillenberg, Provincial Epidemiologist, Department of Health, Saskatchewan, Canada; and a team from the Communicable Disease Center.)

INTERNATIONAL NOTES

Smallpox – Hungary

One case of smallpox has occurred in Budapest, which has been declared infected with smallpox as of August 31.

All travellers to Budapest are advised to have had a successful vaccination within the past six months; travellers otherwise, may be subject to detention.

Smallpox – Switzerland

One laboratory-confirmed case of smallpox has been reported from Zurich in a patient who arrived in Switzerland from a foreign area. Zurich has been declared a non-infected local area.

Smallpox – Poland

No further cases of smallpox have been reported from Poland as of August 29, according to the World Health Organization. A total of 110 cases, including 7 deaths, has been reported to date. The last recognized cases were hospitalized August 11.

More than six and one-half million vaccinations were given during the epidemic.

Poland has declared Opole free of smallpox as of August 30.

Dengue Fever – Jamaica

Only two cases of dengue fever were reported for the week ending August 17, 1963, bringing the cumulative total for 1963 to 111 cases. (See also Dengue Fever, Puerto Rico.)

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